

- LEGEND**
- 3-D1 DETAIL SHEET # NOVATECH OR CITY DETAIL NUMBER SEE LIST FOR CODE
 - PROPERTY LIMIT
 - EXISTING TREE TO REMAIN, SYMBOL SIZE REFLECTS CRZ
 - EXISTING TREE TO REMOVE, SYMBOL SIZE REFLECTS CRZ
 - TREE PROTECTION FENCE
 - SPECIES (SEE PLANT LIST)
 - KEY ## QUANTITY
- TREE PROTECTION**
- Implement the following protection measures for retained trees, both on site and on adjacent sites, prior to any work activity, including tree removal. Maintain tree protection fence in place and in good condition for the duration of site works:
- The Landscape Architect or Certified Arborist is to determine the location of the tree protection fencing and detail it on any associated plans for the site (e.g. tree conservation report, tree disclosure report, etc.).
 - Under the guidance of a Landscape Architect or Certified Arborist, erect a fence at the critical root zone (CRZ) of trees. Diameter at breast height (DBH) is the trunk diameter measured at 1.3m height on the tree trunk. The CRZ is calculated as DBH x 10. Refer to the Tree Protection Fence detail.
 - Refer to the Tree Protection Plan for fence location. City Forestry Staff are to approve both the plan and the installed fence prior to work commencement.
 - Do not place any material or equipment within 2m of the CRZ of any tree, including outshouses.
 - Do not attach any signs, notices, or posters to any tree.
 - Do not disturb, raise, or lower the existing grade within the CRZ without approval.
 - Only tunnel or bore when digging within the CRZ of a tree. Hand work only where required within the CRZ; absolutely no machinery permitted.
 - Do not damage the root system, trunk, or branches, or any tree.
 - Do not extend hard surface or significantly change landscaping.
 - Ensure that exhaust fumes from all equipment are directed away from any tree canopy.
 - When trees marked for removal overlap with the CRZ of trees marked for preservation: cut roots at the edge of the CRZ and grind down stumps after tree removals, do not pull out stumps. Ensure there is no root pulling or disturbance of the ground within the CRZ.
 - Prior to work taking place, notify and consult the Landscape Architect and City Forestry Staff if roots must be cut. Roots 20mm or larger should be cut at right angles with clean, sharp horticultural tools without tearing, crushing, or pulling. Refer to City of Ottawa Specification S.P. F-8011 Tree Protection, Excavation of Root Zone.
 - If damaged or objectionable branches are observed, consult the Landscape Architect, before any work is conducted. Do not prune leaders. Do not prune more than 1/4 of crown.
 - Set up a water and fertilizing program, if trees are being affected by site works, to the satisfaction of the Landscape Architect.
 - The Landscape Architect is to prescribe mitigation measures if the protected fenced area must be reduced to facilitate construction. Measures may include the placement of plywood, wood chips, or steel plating over the roots for protection. City Forestry Staff are to approve said measures prior to fence movement.
 - City of Ottawa By-law: Protects municipal trees and municipal natural areas in the City of Ottawa and trees on private property in the urban area of the City of Ottawa (2020-340).
- GENERAL**
- Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications, including related civil, utility, structural, architectural, mechanical, electrical, environmental, geotechnical, and survey information.
 - The Contractor is to determine the exact location, size, material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibility for all existing utilities regardless of being shown on the drawings.
 - It is essential to use the plans and details in conjunction with the specifications and notes.
 - Do not scale drawings. Work to dimensions only.
 - Protect all existing and retained vegetation for the duration of construction according to the contract details and specifications.
 - Reinstate all areas and items damaged or disturbed, beyond the Limit of Work, because of construction activities, including but not limited to construction staging areas, haul roads, stockpile areas, etc. to the satisfaction of the Consultant. Unless otherwise noted, Contractor is to reinstate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.

EXISTING CANOPY CALCULATIONS:

EXISTING TREES - CANOPY COVERAGE as surveyed in year 2024

EXISTING TREES	AVERAGE EXISTING SPREAD	APPROXIMATE CANOPY COVERAGE PER TREE (m ²)	QUANTITY OF TREES	TOTAL CANOPY COVERAGE (m ²)
Existing Deciduous trees - Large	15m	177	0	0
Existing Deciduous trees - Medium	10m	79	17	1343
Existing Deciduous trees - Small	4.5m	16	18	288
Existing Coniferous trees	5m	20	18	360
			Total	53
TOTAL EXISTING CANOPY COVERAGE AT SITE (m²):				1,991
TOTAL SITE AREA (m²):				7,937
ESTIMATED EXISTING CANOPY COVERAGE (%):				25%

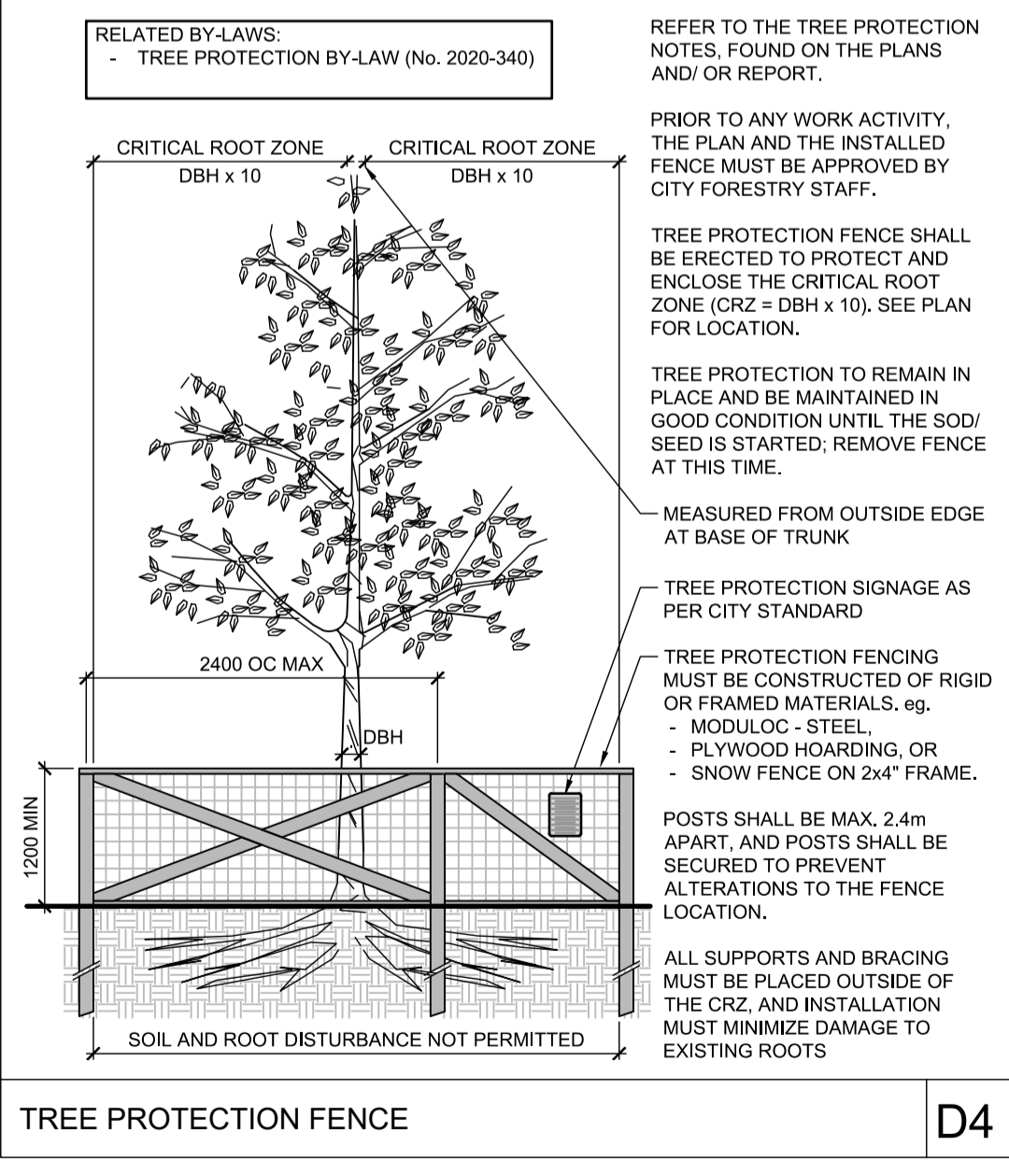
- Area of a circle = $(\pi r^2) \pi$
- Canopy coverage per tree calculation: $(\text{average spread}/2) \times (\text{average spread}/2) \times \pi$

EXISTING TREE INVENTORY:

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Owner	Remarks	Recomm.
1	<i>Picea glauca</i>	White Spruce	8.0	0.80	F	Client		Conflict
2	<i>Picea canadica</i>	Serbian Spruce	14.0	1.40	G	Client		PROTECT
3	<i>Betula sp.</i>	Paper Birch	14.0	1.40	G	Client		PROTECT
4	<i>Betula sp.</i>	Paper Birch	13.0	1.30	G	Client		PROTECT
5	<i>Betula sp.</i>	Paper Birch	26.0	2.60	G	Client		PROTECT
6	<i>Quercus rubra</i>	Red Oak	29.0	2.90	G	Client		PROTECT
7	<i>Betula sp.</i>	Paper Birch	18.0	1.80	G	Client		PROTECT
8	<i>Betula sp.</i>	Paper Birch	25.0	2.50	G	Client		PROTECT
9	<i>Betula sp.</i>	Paper Birch	24.0	2.40	F	Client	Moderate Crown dieback	PROTECT
10	<i>Ulmus 'Prospector'</i>	Prospector Elm	22.0	2.20	G	Client		PROTECT
11	<i>Ulmus 'Prospector'</i>	Prospector Elm	17.0	1.70	F	Client	Thin canopy	PROTECT
12	<i>Ulmus 'Prospector'</i>	Prospector Elm	15.0	1.50	F	Client	Large wound at base	PROTECT
13	<i>Ulmus 'Prospector'</i>	Prospector Elm	19.0	1.90	G	Client		PROTECT
14	<i>Ulmus 'Prospector'</i>	Prospector Elm	18.0	1.80	G	Client		Conflict
15	<i>Ulmus 'Prospector'</i>	Prospector Elm	22.0	2.20	P	Client	Large wound extending 2m from base	Conflict
16	<i>Ulmus 'Prospector'</i>	Prospector Elm	35.0	3.50	P	Client	Very large wounds up north side of main stem	Conflict
17	<i>Ulmus 'Prospector'</i>	Prospector Elm	23.0	2.30	F	Client	Poor taper / Thin canopy	Conflict
18	<i>Acer saccharum</i>	Sugar Maple	29.0	2.90	G	Client	Minor dieback in upper canopy	Conflict
19	<i>Gleditsia inaequalis</i>	Honey Locust	16.0	1.60	G	Client		Conflict
20	<i>Gleditsia inaequalis</i>	Honey Locust	16.0	1.60	G	Client		Conflict
21	<i>Pinus strobus</i>	White Pine	38.0	3.80	G	Client		PROTECT
22	<i>Pinus strobus</i>	White Pine	32.0	3.20	G	Client		PROTECT
23	<i>Pinus strobus</i>	White Pine	24.0	2.40	G	Client		PROTECT
24	<i>Acer saccharum</i>	Sugar Maple	27.0	2.70	G	Client		PROTECT
25	<i>Acer saccharum</i>	Sugar Maple	31.0	3.10	G	Client		PROTECT
26	<i>Pinus strobus</i>	White Pine	26.0	2.60	P	Client	Thin canopy / Large wound or carker at 2m from base	Conflict
27	<i>Pinus glauca</i>	White Spruce	21.0	2.10	P	Client	Thin canopy / Severe dieback	Remove
28	<i>Acer saccharum</i>	Sugar Maple	27.0	2.70	G	Client	Thin canopy	PROTECT
29	<i>Pinus glauca</i>	White Spruce	26.0	2.60	G	Client		Conflict
30	<i>Pinus strobus</i>	White Pine	33.0	3.30	G	Client	One sided canopy	Conflict
31	<i>Acer saccharum</i>	Sugar Maple	29.0	2.90	G	Client		PROTECT
32	<i>Acer saccharum</i>	Sugar Maple	41.0	4.10	G	Client	Former leader lost to possible carker / Tree otherwise showing very good vigour	PROTECT
33	<i>Betula sp.</i>	Paper Birch	26.0	2.60	G	Client		PROTECT
34	<i>Thuja occidentalis</i>	White Cedar	37.0	3.70	G	Public		PROTECT
35	<i>Pinus pungens</i>	Colorado Spruce	31.0	3.10	G	Public		PROTECT
36	<i>Thuja occidentalis</i>	White Cedar	36.0	3.60	G	Client		PROTECT
37	<i>Pinus pungens</i>	Colorado Spruce	42.0	4.20	G	Client		PROTECT
38	<i>Betula sp.</i>	Paper Birch	20.0	2.00	F	Public	Thin canopy / Trimm damage	PROTECT
39	<i>Celtis occidentalis</i>	Hickory	34.0	3.40	G	Client		PROTECT
40	<i>Pinus strobus</i>	White Pine	27.0	2.70	G	Shared		PROTECT
41	<i>Celtis occidentalis</i>	Hickory	47.0	4.70	G	Client	Large limb lost due to included bark / Tree is showing good vigour in recovery	PROTECT
42	<i>Acer saccharum</i>	Sugar Maple	30.0	3.00	G	Client		PROTECT
43	<i>Thuja occidentalis</i>	White Cedar	37.0	3.70	G	Public		PROTECT
44	<i>Thuja occidentalis</i>	White Cedar	35.0	3.50	G	Public		PROTECT
45	<i>Thuja occidentalis</i>	White Cedar	33.0	3.30	G	Client		PROTECT
46	<i>Celtis occidentalis</i>	Hickory	39.0	3.90	G	Client	Included bark at 1.5m from base	PROTECT
47	<i>Pinus strobus</i>	White Pine	36.0	3.60	G	Client		PROTECT
48	<i>Acer saccharum</i>	Sugar Maple	31.0	3.10	G	Client	Original leader lost / Good vigour	PROTECT

TREE INVENTORY KEY

Condition	Recommendation	Owner
G: Good	Conflict: Remove due to conflict with construction.	C: Client
F: Fair	Remove: Remove due to tree health or invasive status.	N: Neighbour
P: Poor	PROTECT: Protect trees as per contract details and specifications.	P: Public
VP: Very Poor		S: Shared



NOTE:
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Owner:
Wesley Clover International
c/o KRP Properties, 555 Legget Drive
#300, Tower B
Kanata, ON K2K 2X3
Phone: 613-591-0594

DISCLAIMER:
The elements on this plan illustrate the design intent and general constructability of the proposed landscape which will support the associated development. This is to demonstrate how the canopy cover, urban design, health, and climate change objectives of the Official Plan will be met through tree planting and site design. This drawing is for City review only and is not intended for construction. Final detailed design and construction documentation is to be provided with certified 'Issued for Construction' drawings and specifications prior to construction.

SCALE

1:250

DESIGN

MJT

CHECKED

RGJ

DRAWN

TCB / MJT

CHECKED

RGJ

APPROVED

RGJ

FOR REVIEW ONLY

No.	REVISION	DATE	BY
6.	RE-ISSUED FOR SITE PLAN SUBMISSION	JAN 14/25	RGJ
5.	ISSUED FOR COORDINATION	DEC 17/24	RGJ
4.	RE-ISSUED FOR SITE PLAN SUBMISSION	NOV 29/24	RGJ
3.	RE-ISSUED FOR SITE PLAN SUBMISSION	OCT 7/24	RGJ
2.	ISSUED FOR SITE PLAN AND ZONING	SEP 13/24	RGJ
1.	ISSUED FOR COORDINATION	SEP 09/24	RGJ

NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Copland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone: (613) 254-9643
Facsimile: (613) 254-5867
Website: www.novatech-eng.com

LOCATION
535 LEGGET DRIVE
KANATA

DRAWING NAME
TREE CONSERVATION PLAN - 1
EXISTING CANOPY COVER INFORMATION

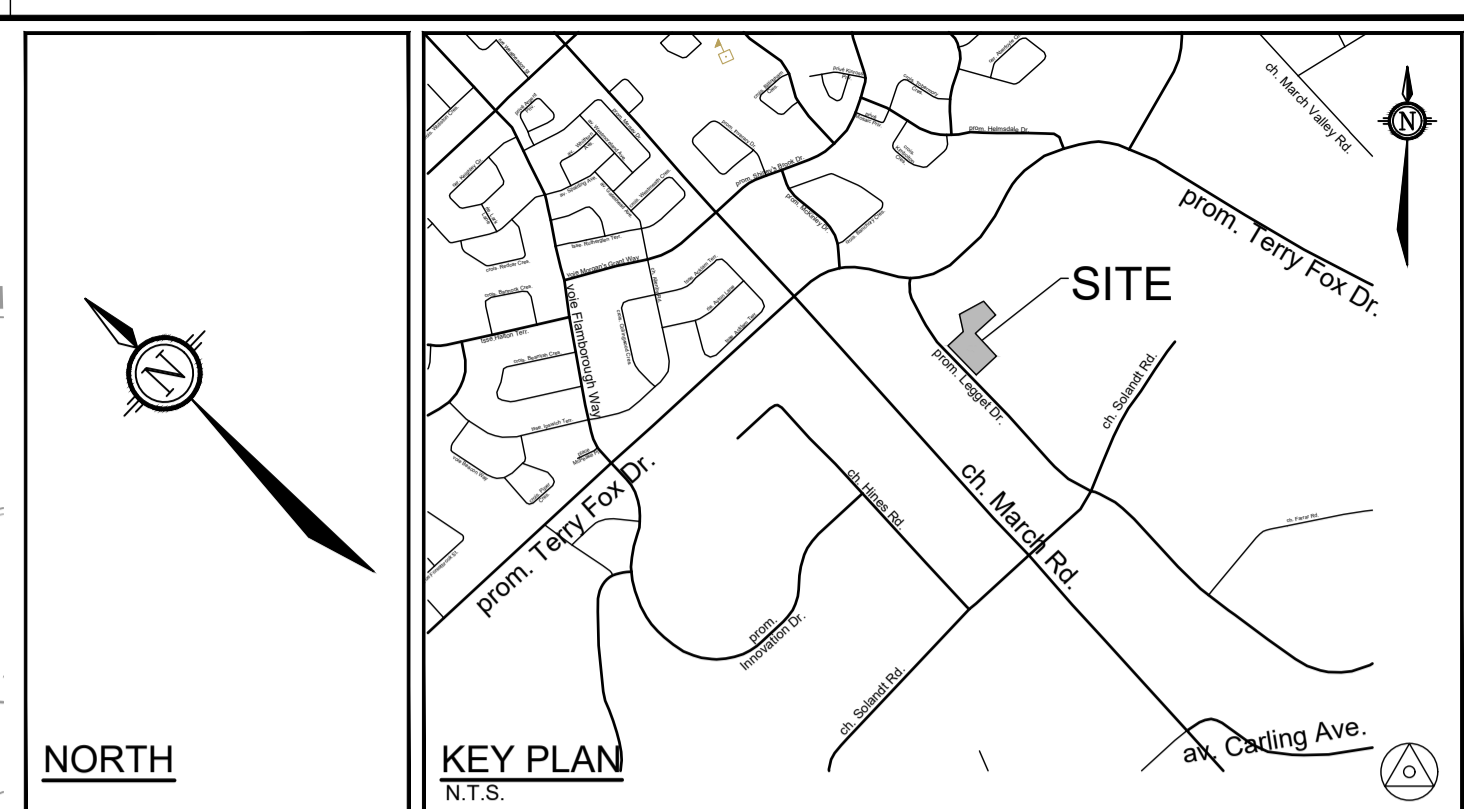
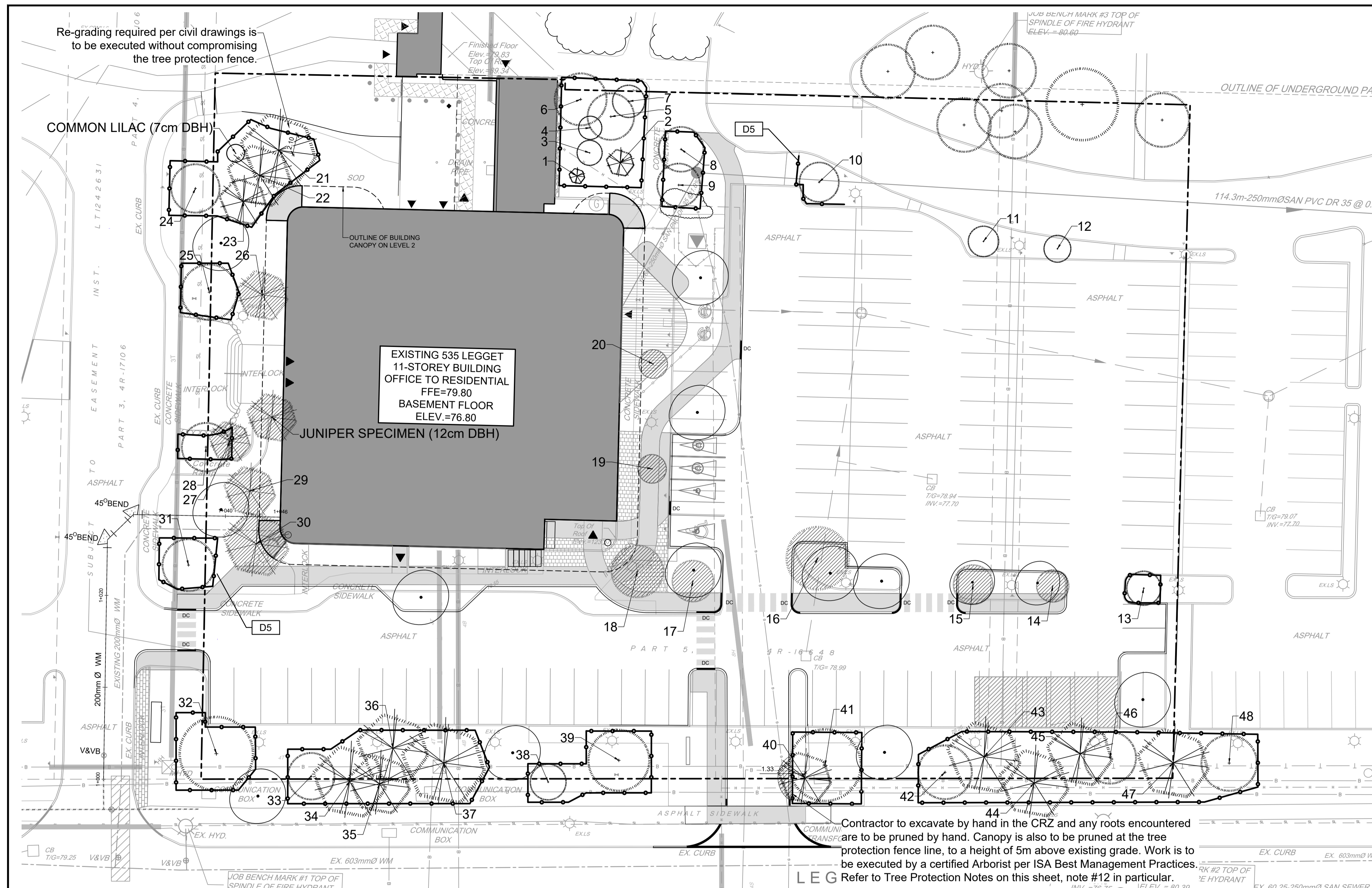
PROJECT No.
124045

REV #
6

DRAWING No.
124045-TCR1

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D02-02-24-0058 & D07-12-24-0123



- LEGEND**
- 3-D1 DETAIL SHEET # - NOVATECH OR CITY DETAIL NUMBER SEE LIST FOR CODE
 - PROPERTY LIMIT
 - EXISTING TREE TO REMAIN, SYMBOL SIZE REFLECTS CRZ
 - EXISTING TREE TO REMOVE, SYMBOL SIZE REFLECTS CRZ
 - PROPOSED TREE COMPENSATION PLANTING LOCATION
 - TREE PROTECTION FENCE
 - SPECIES (SEE PLANT LIST)
 - QUANTITY
 - PROPOSED BUILDING LINE
 - OUTLINE OF BUILDING CANOPY ON LEVEL 2
- TREE PROTECTION**
- Implement the following protection measures for retained trees, both on site and on adjacent sites, prior to any work activity, including tree removal. Maintain tree protection fence in place and in good condition for the duration of site works:
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 - Refer to the Tree Protection Plan for fence location. City Forestry Staff are to approve both the plan and the installed fence prior to work commencement.
 - Do not place any material or equipment within 2m of the CRZ of any tree, including outhouses.
 - Do not attach any signs, notices, or posters to any tree.
 - Do not disturb, raise, or lower the existing grade within the CRZ without approval.
 - Only tunnel or bore when digging within the CRZ of a tree. Hand work only where required within the CRZ; absolutely no machinery permitted.
 - Do not damage the root system, trunk, or branches, or any tree.
 - Do not extend hard surface or significantly change landscaping.
 - Ensure that exhaust fumes from all equipment are directed away from any tree canopy.
 - When trees marked for removal overlap with the CRZ of trees marked for preservation: cut roots at the edge of the CRZ and grind down stumps after tree removals, do not pull out stumps. Ensure there is no root pulling or disturbance of the ground within the CRZ.
 - Prior to work taking place, notify and consult the Landscape Architect and City Forestry Staff if roots must be cut. Roots 20mm or larger should be cut at right angles with clean, sharp horticultural tools without tearing, crushing, or pulling. Refer to City of Ottawa Specification S.P. F-8011 Tree Protection, Excavation of Root Zone.
 - If damaged or objectionable branches are observed, consult the Landscape Architect, before any work is conducted. Do not prune leaders. Do not prune more than 1/4 of crown.
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 - The Landscape Architect is to prescribe mitigation measures if the protected fenced area must be reduced to facilitate construction. Measures may include the placement of plywood, wood chips, or steel plating over the roots for protection. City Forestry Staff are to approve said measures prior to fence movement.
 - City of Ottawa By-law: Protects municipal trees and municipal natural areas in the City of Ottawa and trees on private property in the urban area of the City of Ottawa (2020-340).

PROPOSED AND RETAINED CANOPY CALCULATIONS:

PROPOSED & RETAINED TREES - ESTIMATED CANOPY COVERAGE AT MATURITY				
PROPOSED TREES	AVERAGE MATURE SPREAD	COVERAGE PER TREE AT MATURITY (m ²)	QUANTITY OF TREES	TOTAL CANOPY COVERAGE (m ²)
Deciduous trees - Large	15m	177	6	1060
Deciduous trees - Medium	10m	79	6	474
Existing Deciduous trees - Small	4.5m	16	2	32
RETAINED TREES				
* Retained Deciduous trees - Medium	10m	79	15	1185
* Retained Deciduous trees - Small	4.5m	16	13	208
* Retained Coniferous trees	5m	20	13	255
TOTAL FUTURE CANOPY COVERAGE (m²):			Total	2,154
TOTAL SITE AREA (m²):				7,937
ESTIMATED FUTURE CANOPY COVERAGE (%):				27%

1. Area of a circle = (r x r) x π
 2. Canopy coverage per tree calculation: (average spread/2) x (average spread/2) x π
 *At maturity factor is not added to the existing canopy cover of retained trees at site.

EXISTING TREE INVENTORY:

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Owner	Remarks	Recomm.
1	<i>Picea glauca</i>	White Spruce	8.0	0.80	F	Client		Conflict
2	<i>Picea canadica</i>	Canadian Spruce	14.0	1.40	G	Client		PROTECT
3	<i>Betula sp.</i>	Paper Birch	14.0	1.40	G	Client		PROTECT
4	<i>Betula sp.</i>	Paper Birch	13.0	1.30	G	Client		PROTECT
5	<i>Betula sp.</i>	Paper Birch	26.0	2.60	G	Client		PROTECT
6	<i>Quercus rubra</i>	Red Oak	29.0	2.90	G	Client		PROTECT
7	<i>Betula sp.</i>	Paper Birch	18.0	1.80	G	Client		PROTECT
8	<i>Betula sp.</i>	Paper Birch	25.0	2.50	G	Client		PROTECT
9	<i>Betula sp.</i>	Paper Birch	24.0	2.40	F	Client	Moderate Crown dieback	PROTECT
10	<i>Ulmus 'Prospector'</i>	Prospector Elm	22.0	2.20	G	Client		PROTECT
11	<i>Ulmus 'Prospector'</i>	Prospector Elm	17.0	1.70	F	Client	Thin canopy	PROTECT
12	<i>Ulmus 'Prospector'</i>	Prospector Elm	15.0	1.50	F	Client	Large wound at base	PROTECT
13	<i>Ulmus 'Prospector'</i>	Prospector Elm	19.0	1.90	G	Client		PROTECT
14	<i>Ulmus 'Prospector'</i>	Prospector Elm	18.0	1.80	G	Client		Conflict
15	<i>Ulmus 'Prospector'</i>	Prospector Elm	22.0	2.20	P	Client	Large wound extending 2m from base	PROTECT
16	<i>Ulmus 'Prospector'</i>	Prospector Elm	35.0	3.50	P	Client	Very large wounds up north side of main stem	PROTECT
17	<i>Ulmus 'Prospector'</i>	Prospector Elm	23.0	2.30	F	Client	Poor taper / thin canopy	Conflict
18	<i>Acer saccharum</i>	Sugar Maple	29.0	2.90	G	Client	Minor dieback in upper canopy	Conflict
19	<i>Gleditsia triacanthos</i>	Honey Locust	16.0	1.60	G	Client		Conflict
20	<i>Gleditsia triacanthos</i>	Honey Locust	16.0	1.60	G	Client		Conflict
21	<i>Pinus strobus</i>	White Pine	38.0	3.80	G	Client		PROTECT
22	<i>Pinus strobus</i>	White Pine	32.0	3.20	G	Client		PROTECT
23	<i>Pinus strobus</i>	White Pine	24.0	2.40	G	Client		PROTECT
24	<i>Acer saccharum</i>	Sugar Maple	27.0	2.70	G	Client		PROTECT
25	<i>Acer saccharum</i>	Sugar Maple	31.0	3.10	G	Client		PROTECT
26	<i>Pinus strobus</i>	White Pine	26.0	2.60	P	Client	Thin canopy / Large wound or canker at 2m from base	Conflict
27	<i>Picea glauca</i>	White Spruce	21.0	2.10	P	Client	Thin canopy / Severe dieback	Remove
28	<i>Acer saccharum</i>	Sugar Maple	27.0	2.70	G	Client	Thin canopy	PROTECT
29	<i>Picea glauca</i>	White Spruce	26.0	2.60	G	Client		Conflict
30	<i>Pinus strobus</i>	White Pine	33.0	3.30	G	Client	One sided canopy	Conflict
31	<i>Acer saccharum</i>	Sugar Maple	29.0	2.90	G	Client		PROTECT
32	<i>Acer saccharum</i>	Sugar Maple	41.0	4.10	G	Client	Former leader lost to possible canker / Tree otherwise showing very good vigour	PROTECT
33	<i>Betula sp.</i>	Paper Birch	26.0	2.60	G	Client		PROTECT
34	<i>Thuja occidentalis</i>	White Cedar	37.0	3.70	G	Public		PROTECT
35	<i>Picea pungens</i>	Colorado Spruce	31.0	3.10	G	Public		PROTECT
36	<i>Thuja occidentalis</i>	White Cedar	36.0	3.60	G	Client		PROTECT
37	<i>Picea pungens</i>	Colorado Spruce	42.0	4.20	G	Client		PROTECT
38	<i>Betula sp.</i>	Paper Birch	20.0	2.00	F	Public		PROTECT
39	<i>Celtis occidentalis</i>	Hackberry	34.0	3.40	G	Client	Thin canopy / trimmer damage	PROTECT
40	<i>Pinus strobus</i>	White Pine	27.0	2.70	G	Shared		PROTECT
41	<i>Celtis occidentalis</i>	Hackberry	40.0	4.00	G	Client	Large limb lost due to included bark / Tree is showing good vigour in recovery	PROTECT
42	<i>Acer saccharum</i>	Sugar Maple	30.0	3.00	G	Client		PROTECT
43	<i>Thuja occidentalis</i>	White Cedar	37.0	3.70	G	Client		PROTECT
44	<i>Thuja occidentalis</i>	White Cedar	35.0	3.50	G	Public		PROTECT
45	<i>Thuja occidentalis</i>	White Cedar	33.0	3.30	G	Client		PROTECT
46	<i>Celtis occidentalis</i>	Hackberry	29.0	2.90	G	Client	Included bark at 1.6m from base	PROTECT
47	<i>Picea abies</i>	Norway Spruce	36.0	3.60	G	Client		PROTECT
48	<i>Acer saccharum</i>	Sugar Maple	31.0	3.10	G	Height	Original leader lost / Good vigour	PROTECT

NOTE: THE POSITION OF ALL POLE LINES, CONDUITS, WATER MAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

Owner:
 Wesley Clover International
 c/o KRP Properties, 555 Legget Drive
 #300, Tower B
 Kanata, ON K2K 2X3
 Phone: 613-591-0594

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SCALE
1:250

DESIGN
 MJT
 CHECKED
 RGJ
 DRAWN
 TCB / MJT
 CHECKED
 RGJ
 APPROVED
 RGJ

FOR REVIEW ONLY

REVISIONS:

No.	REVISION	DATE	BY
6.	RE-ISSUED FOR SITE PLAN SUBMISSION	JAN 14/25	RGJ
5.	ISSUED FOR COORDINATION	DEC 17/24	RGJ
4.	RE-ISSUED FOR SITE PLAN SUBMISSION	NOV 29/24	RGJ
3.	RE-ISSUED FOR SITE PLAN SUBMISSION	OCT 7/24	RGJ
2.	ISSUED FOR SITE PLAN AND ZONING	SEP 13/24	RGJ
1.	ISSUED FOR COORDINATION	SEP 09/24	RGJ

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 Engineers, Planners & Landscape Architects
 Suite 200, 240 Michael Cowpland Drive
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 Telephone: (613) 254-9643
 Facsimile: (613) 254-5867
 Website: www.novatech-eng.com

LOCATION
 535 LEGGET DRIVE
 KANATA

DRAWING NAME
 TREE CONSERVATION PLAN - 2

PROPOSED & RETAINED CANOPY COVER INFORMATION

PROJECT No: 124045
 REV # 6
 DRAWING No: 124045-TCR2

SOIL VOLUMES AVAILABILITY

Planting bed no.	Available Soil Area (sq m)	Available Soil Volume (cu m)	No. of trees proposed			Total No. of trees	Min. required Soil volume total (cu m)
			Small (20m ² for single, 12m ² for multiple)	Medium (25m ² for single, 15m ² for multiple)	Large (30m ² for single, 18m ² for multiple)		
Planting bed 1	25	25	0	1	1	35.00	
Planting bed 2	28	28	0	0	1	30.00	
Planting bed 3	46	46	0	0	2	36.00	
Planting bed 4	27	27	2	0	2	24.00	
Planting bed 5	39	39	0	0	1	30.00	
Planting bed 6	125	125	0	0	2	36.00	

Note 1. For all planting beds proposed, the available soil depth is considered to be 1m.

CITY DETAILS

Related details from City of Ottawa Standard Tender Documents Volume No. 2 Standard Detail Drawings.
 SC4. Typical Concrete Sidewalk in Boulevard
 SC5. Sidewalk Construction Joints
 SC7.1. Curb Return Entrances - Uncontrolled Intersections

NOVATECH DETAILS

Found on Sheet L2.
 D1. Standard Deciduous Tree Planting
 D2. Shrub and Perennial Planting
 D3. Bike Layout
 Found on Sheet TCR 1.
 D4. Tree Protection Fence

LEGEND

- 3-D1** DETAIL SHEET # NOVATECH OR CITY DETAIL NUMBER SEE LIST FOR CODE
- PROPERTY LIMIT
- PROPOSED CONCRETE
- PROPOSED PAVERS
- PROPOSED DECK
- CLEAR STONE
- SOD
- PROPOSED DECIDUOUS TREE
- PROPOSED SHRUBS
- PERENNIALS & ORNAMENTAL GRASS
- EXISTING TREE TO REMAIN
- TREE PROTECTION FENCE
- PICKET FENCE
- WOOD PRIVACY FENCE
- PROPOSED BUILDING LINE
- OUTLINE OF BUILDING CANOPY ON LEVEL 2
- BENCHES
- DECK FURNITURE
- SNOW STORAGE AREA

GENERAL

- Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications, including related civil, utility, structural, architectural, mechanical, electrical, environmental, geotechnical, and survey information.
- The Contractor is to determine the exact location, size, material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibility for all existing utilities regardless of being shown on the drawings.
- It is essential to use the plans and details in conjunction with the specifications and notes.
- Do not scale drawings. Work to dimensions only.
- Protect all existing and retained vegetation for the duration of construction according to the contract details and specifications.
- Reinstall all areas and items damaged or disturbed, beyond the Limit of Work, because of construction activities, including but not limited to construction staging areas, haul roads, stockpile areas, etc. to the satisfaction of the Consultant. Unless otherwise noted, Contractor is to reinstall all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.

PLANTING

- Plant material to be No. 1 Grade and is to comply with Canadian Standards for Nursery Stock (latest edition) published by the Canadian Nursery Landscape Association. Use structurally sound plant material with strong fibrous root system free of disease, defects, and injuries. Use trees with straight trunks, well and characteristically branched for species. Obtain approval from consultant of plant material at source prior to digging. All trees and shrubs to be container grown, potted, WB or BB, as indicated on Plant List. Bare root plants are only acceptable for certain species and as approved by the Landscape Architect.
- Plant material substitutions are not permitted without the written approval from the Consultant, with 48 hours notice, prior to shipping plant material.
- Plant locations are schematic / approximate only. Contractor is to stake out locations on site for approval by the Landscape Architect prior to installation. Contractor will assume full responsibility if the Landscape Architect is not notified.
- The illustrated number of plants shown in the Planting Plan supersedes the estimated number in the Plant List. Contractor to report any discrepancies to the Landscape Architect prior to installation.
- Ensure trees are thoroughly watered following planting. Monitor material and ensure adequate moisture until acceptance.
- In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
- Approved topsoil depths are as follows:
 - Plant Beds - 450mm continuous depth. Applies to shrubs, perennials, vines, and groundcovers.
 - Sod/ Seed Areas - 100mm depth.
 - Reforestation - 300mm depth.
- Sod to be No. 1 Kentucky Bluegrass Sod grown from minimum mixture of 3 Kentucky Bluegrass cultivars. Quality and source are to comply with Canadian Standards for Nursery Stock, Section 17, (latest edition) published by the Canadian Nursery Landscape Association.
- Apply the following mineral fertilizer unless soil tests show other requirements:
 - Plant Beds - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications.
 - Sod Areas - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash at a rate of 350kg/ha.
- Where applicable, for any plant areas with a mix of species/ cultivars notes, Contractor is to cluster like plants in groups of 3-5 and evenly distribute these in the noted area.

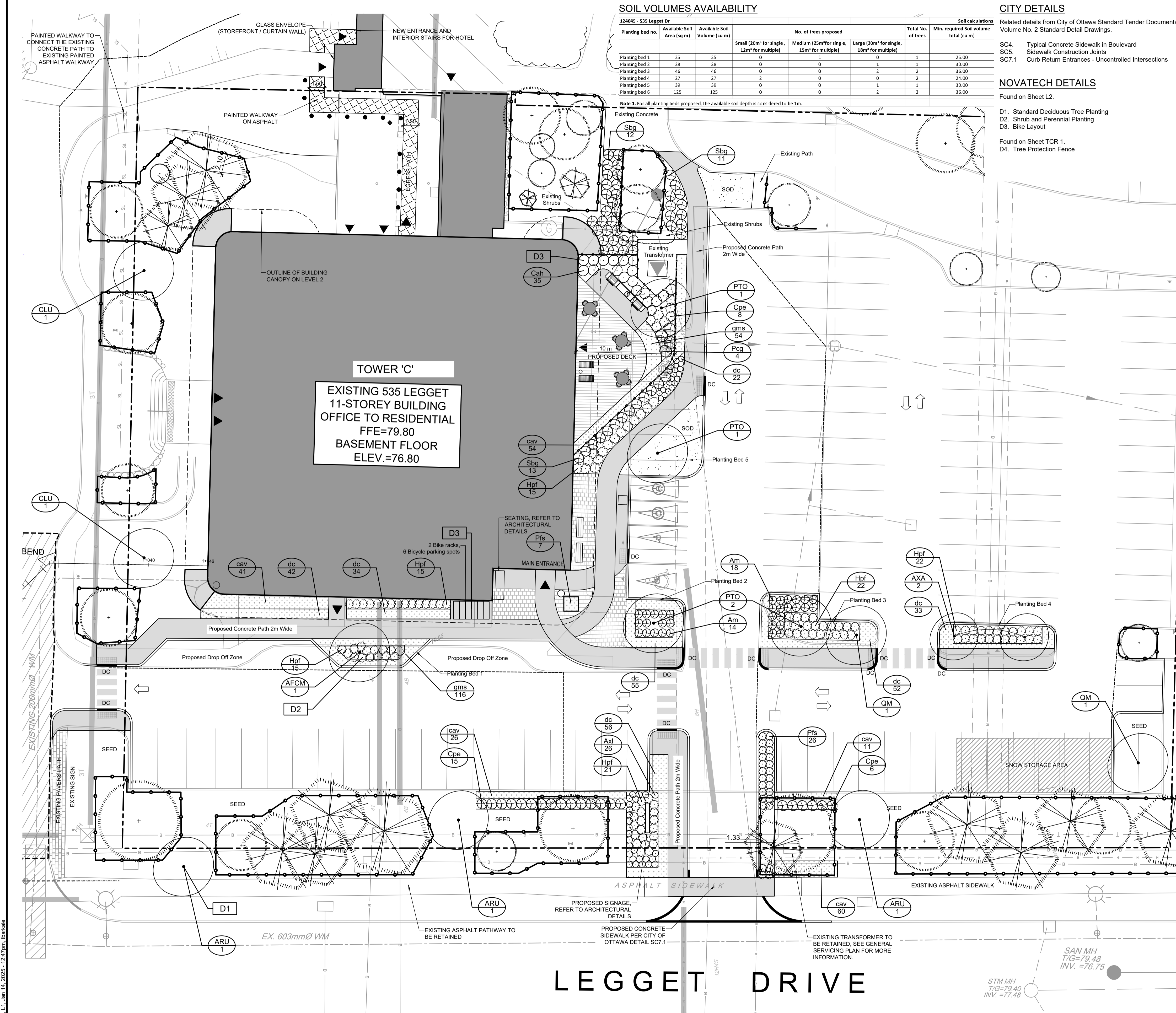
CANOPY COVER CALCULATIONS

- Refer to the Tree Conservation Plans 124045-TCR1 and 124045-TCR2 for the existing and proposed canopy cover projection calculations.

PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COND	SPACING	NATIVE/NON-NATIVE	OWNER
Deciduous Trees								
AFCM	1	Acer x freemanii 'Celtan'	Celebration Maple	50mm Cal	WB	As Shown	C	Private
ARU	2	Acer rubrum 'Autumn Radiance'	Autumn Radiance Red Maple	50mm Cal	WB	As Shown	C	Private
ARU	1	Acer rubrum 'Autumn Radiance'	Autumn Radiance Red Maple	50mm Cal	WB	As Shown	C	City of Ottawa
AXA	3	Araliacanthus grandiflorus 'Autumn Brilliance'	Autumn Brilliance Serviceberry	50mm Cal	WB	As Shown	C	Private
CLU	2	Cladostema leucobota (formerly 'lutea')	Yellowwood	50mm Cal	WB	As Shown	E	Private
PTO	4	Platanus occidentalis	American Sycamore	50mm Cal	WB	As Shown	P	Private
QM	2	Quercus macrocarpa	Bur Oak	50mm Cal	WB	As Shown	L	Private
Deciduous Shrubs								
Am	32	Aronia melanocarpa	Black Chokeberry	60cm Ht	PT	80cm O.C.	L	Private
Cah	30	Cornus amomifolia 'Hummingbird'	Hummingbird Summersweet	60cm Ht	PT	80cm O.C.	C	Private
Cpe	39	Comptonia perovskiana	Sweet Fern	40cm Ht	PT	100cm O.C.	L	Private
Hpf	110	Hydrangea paniculata 'Fire Light Tidbit'	Fire Light Tidbit Hydrangea	60cm Ht	PT	70cm O.C.	E	Private
Sbg	38	Spiraea betulifolia 'Glow Girl' (For Gold)	Glow Girl Birchleaf Spirea	60cm Ht	PT	100cm O.C.	E	Private
Pcg	4	Physocarpus opulifolius 'Centre Glow'	Centre Glow Ninebark	60cm Ht	PT	180cm O.C.	C	Private
Pfs	13	Potentilla fruticosa 'Becky's Gold'	Becky's Gold Potentilla	40cm Ht	PT	60cm O.C.	E	Private
Perennials								
gms	170	Geranium macrorrhizum 'Spessart'	Spessart Cranebill	1g	PT	40cm O.C.	C	Private
Ornamental Grasses								
cav	192	Calamagrostis acutiflora 'Avalanche'	Avalanche Feather Reed Grass	1g	PT	70cm O.C.	E	Private
dc	264	Deschampsia cespitosa	Tufted Hair Grass	1g	PT	60cm O.C.	L	Private

NOTE: (L) Local region, (C) Other of local region plant, (P) Provincial, (E) Exotic or non-native



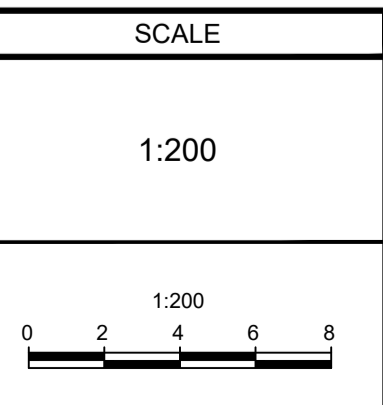
LEGGET DRIVE

NOTE:
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Owner:
 Wesley Clover International
 c/o KRP Properties, 555 Legget Drive
 #300, Tower B
 Kanata, ON K2K 2X3
 Phone: 613-591-0594

DISCLAIMER:
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No.	REVISION	DATE	BY
6.	RE-ISSUED FOR SITE PLAN SUBMISSION	JAN 14/25	RGJ
5.	ISSUED FOR COORDINATION	DEC 17/24	RGJ
4.	RE-ISSUED FOR SITE PLAN SUBMISSION	NOV 29/24	RGJ
3.	RE-ISSUED FOR SITE PLAN SUBMISSION	OCT 7/24	RGJ
2.	ISSUED FOR SITE PLAN AND ZONING	SEP 13/24	RGJ
1.	ISSUED FOR COORDINATION	SEP 09/24	RGJ



DESIGN	RGJ/ML
CHECKED	RGJ
DRAWN	TCB
CHECKED	RGJ
APPROVED	RGJ

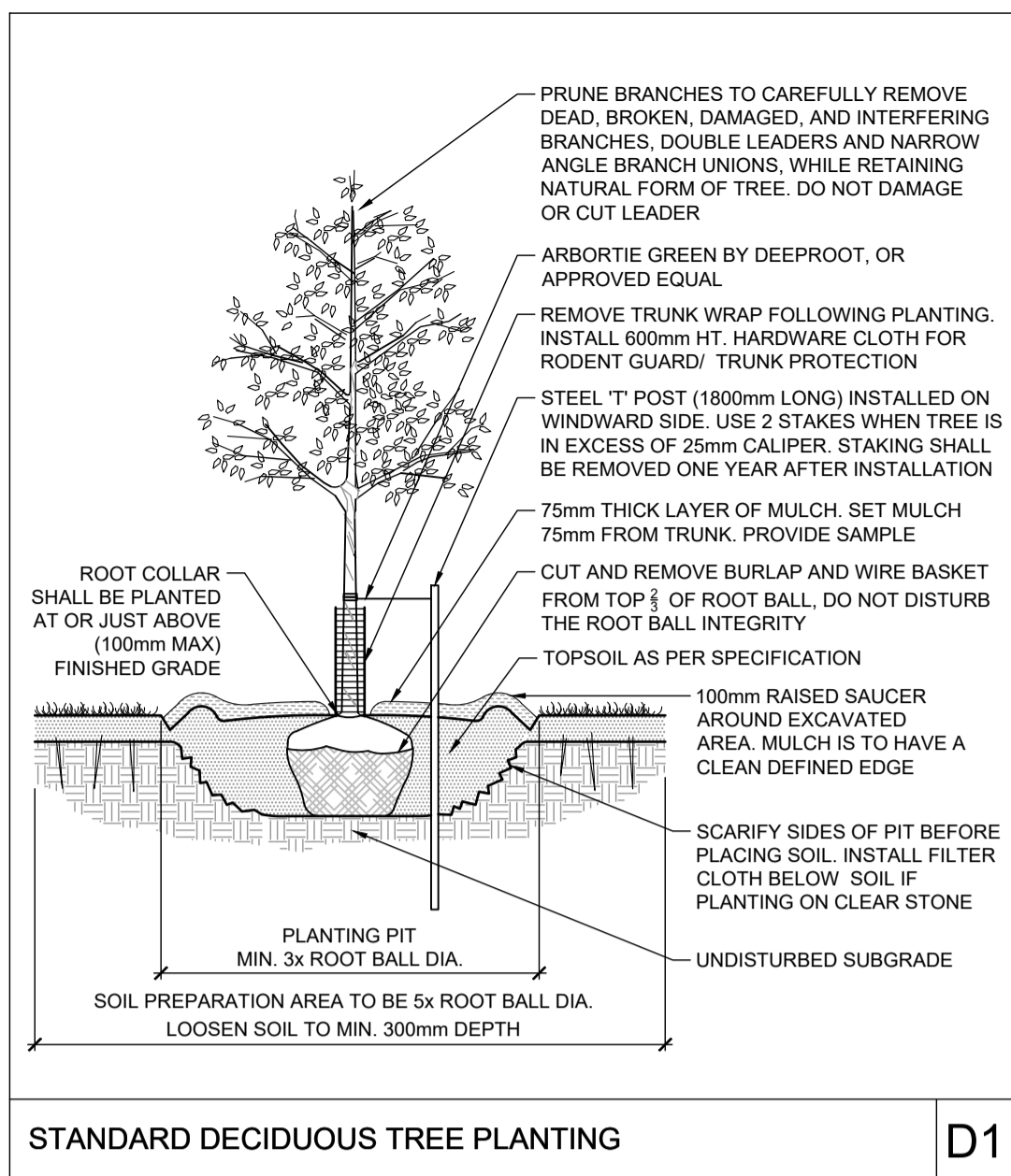
FOR REVIEW ONLY

NOVATECH
 Engineers, Planners & Landscape Architects
 Suite 200, 240 Michael Cowpland Drive
 Ottawa, Ontario, Canada K2M 1P6
 Telephone: (613) 254-9643
 Facsimile: (613) 254-5867
 Website: www.novatech-eng.com

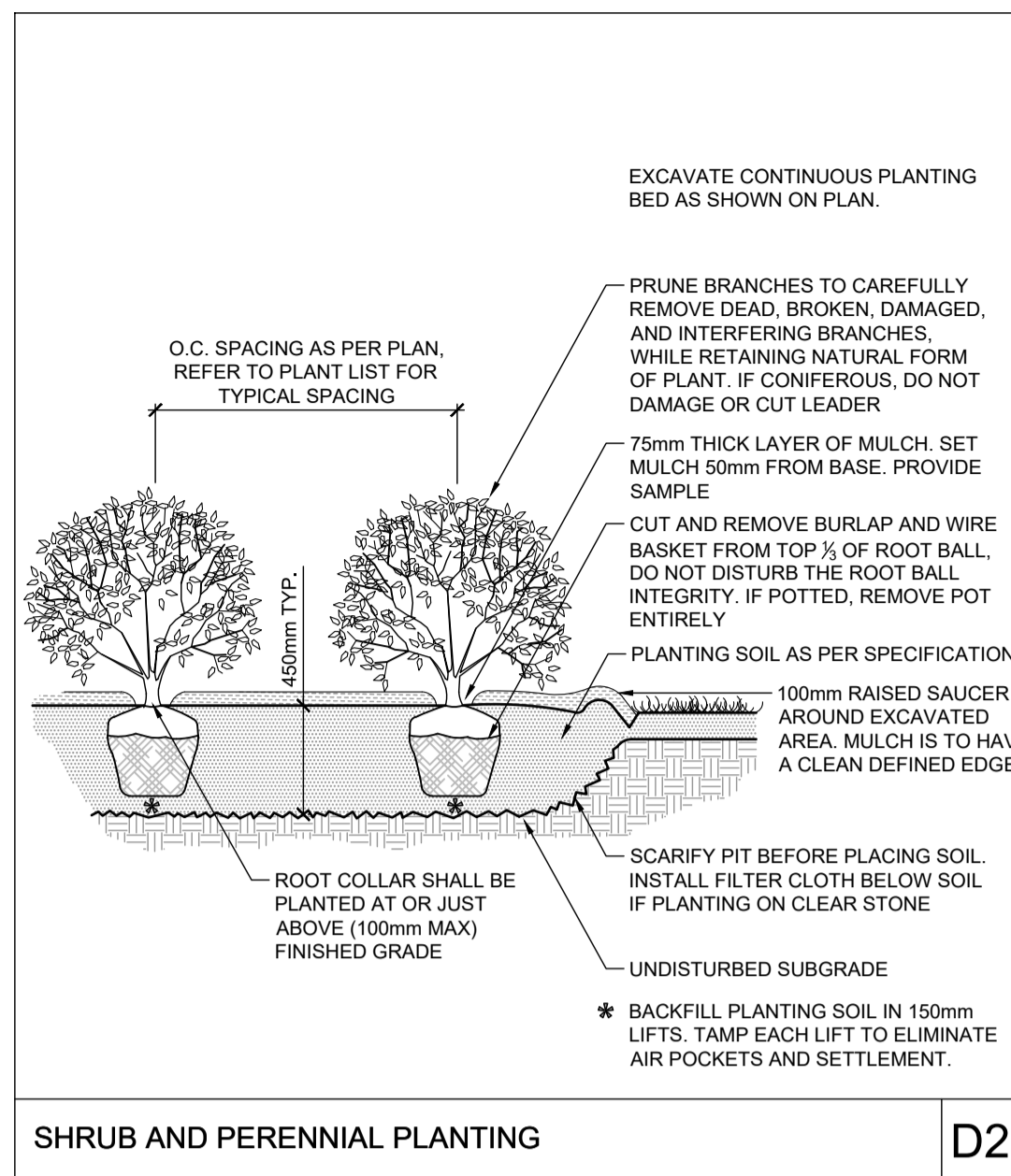
LOCATION 535 LEGGET DRIVE KANATA	
DRAWING NAME LANDSCAPE PLAN	PROJECT No. 124045
	REV # REV # 6
	DRAWING No. 124045-L1

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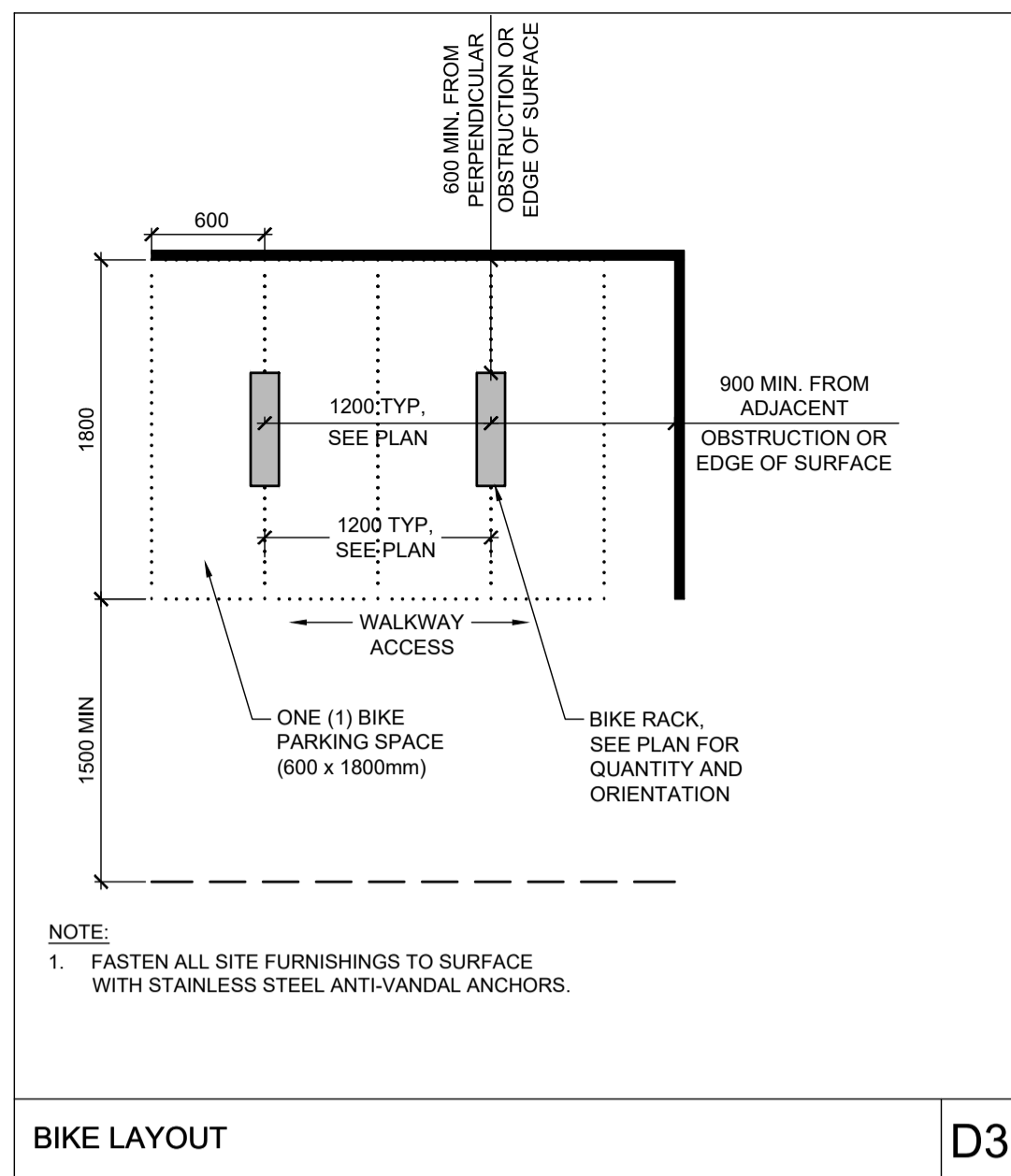
D02-02-24-0058 & D07-12-24-0123



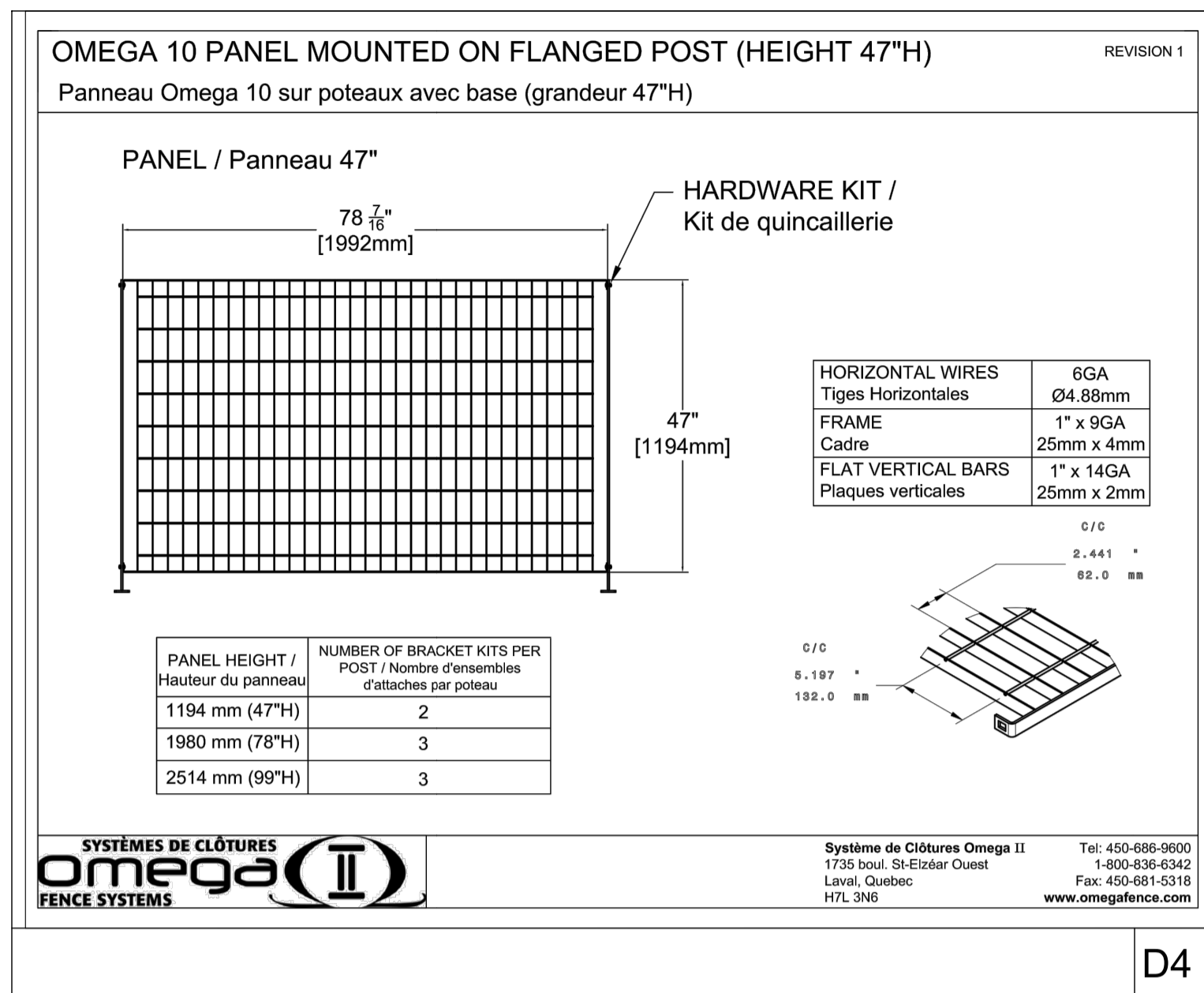
D1



D2



D3



D4

PRODUCT INFORMATION

Install products as per manufacturer specifications. Shop drawings required.

PAVERS
Edge of pavers to receive edge restraint.
• Pavers - TBD
Location: Entrance
Size:
Pattern:
Colour:

FENCE
• Omega 10 Picket Fence by Omega
Panel Height: 1.2m
Colour: Black

SITE FURNITURE
Fasten all site furnishing to surface with stainless steel anti-vandal anchors.
• Iconic Backless Benches by Maglin
Product Number: MBE-2300-00045
Fixture: Surface mounted
Size: 1778mm L x 446mm W x 475mm Ht
Frame: Aluminum Legs and arms, steel brackets
Frame colour: Powder Coat Silver 14
Slats: Ipe
Options: Two end arms and two sides skate deterrent, no plaque.
• 'Flo' Bike Racks by Landscape Forms
Capacity: 3 bikes / rack
Size: 27.75" x 25.5" x 32.5"
Fixture: Surface mounted
Colour: Powder Coat - Silver Metallic

• Marine Commercial Wood Planter by DeepStream
Location: Entrance
Size: 59" x 59" x 31" H
Frame: Marine-anodized Aluminum legs, SS fastners
Wood Panels: Ipe
Liners with drainage control.

Fill planter box with growing medium designed for raised planters. Submit product specifications for review and approval by the Landscape Architect.

OUTDOOR AMENITY FURNITURE

• Lounge Chairs by Equiparc
Product Number: EP1974
Fixture: Freestanding
Size: 1624mm L x 780mm W x 1024mm Ht
Frame: 6mm thick steel flats and plates
Frame colour: Hot dip galvanized, Silver
Slats: 38mm x 64 mm Ipe wood

• Chipman Round Dining Tables by Landscape Forms
Product : Chipman
Fixture: Freestanding
Size: 45" Round, 29.25" Ht
Table top: Powder Coat Metallic Silver
Option: Without Umbrella hole
Table support: Powder Coat Metallic Silver

• LF-21 Outdoor Chairs by Landscape Forms
Product : 21
Fixture: Freestanding
Size: 25.5" D x 28" L x 32.75" ht
Option: With Arms
Colour: Metallic Silver

• Chipman Round Lounge Table by Landscape Forms
Product : Chipman
Fixture: Freestanding
Size: 31" Round, 15.25" Ht
Table top: Powder Coat Metallic Silver
Table support: Powder Coat Metallic Silver

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LOCATION 535 LEGGET DRIVE KANATA		PROJECT No. 124045
DRAWING NAME LANDSCAPE DETAILS		REV # 5
		DRAWING No. 124045-L2

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D02-02-24-0058 & D07-12-24-0123